



Application Number

IDS Flag Clearance for Application

**IDS  
Information**

Content	Mailroom Date	Entry Number	IDS Review	Reviewer
M844	02-23-2004	12	<input checked="" type="checkbox"/>	03-29-2004 15:37:15 jrobertson

## WEST Search History

Hide Items

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DATE: Monday, September 26, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
<input type="checkbox"/>	L36	L35 and (stiff\$4 or elastic\$4 or rigid\$4)	1
<input type="checkbox"/>	L35	L34 and (boundary or edge or terminus or ((outer or inner) with surface))	2
<input type="checkbox"/>	L34	L33 and ((middle or center or central\$2 or midway) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3) with (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit or barrel or cavity or bore or (examination adj zone)))	3
<input type="checkbox"/>	L33	L32 and (gradient with (((sub" or segment or "multi") with coil) or multicoil or multi-coil))	302
<input type="checkbox"/>	L32	L31 and ((magnetic adj resonance) or MRI or NMR)	10614
<input type="checkbox"/>	L31	(324/300-322.ccls.) or (600/407-435.ccls.)	15397
<input type="checkbox"/>	L30	L29 and (boundary or edge or terminus or ((outer or inner) with surface))	1
<input type="checkbox"/>	L29	L28 and (stiff\$4 or elastic\$4 or rigid\$4)	2
<input type="checkbox"/>	L28	L27 and ((gradient) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3))	3
<input type="checkbox"/>	L27	112 and ((middle or center or central\$2 or midway) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3) with (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit or barrel or cavity or bore or (examination adj zone)))	3
<input type="checkbox"/>	L26	125 and ((middle or center or central\$2 or midway) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3) with (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit or barrel or cavity or bore or (examination adj zone)))	1
<input type="checkbox"/>	L25	L24 and ((gradient) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3))	14
<input type="checkbox"/>	L24	116 and ((middle or center or central\$2 or midway) with (support\$3 or brac\$4 or reinforce\$4 or reinforc\$3))	14
<input type="checkbox"/>	L23	6154110	8
<input type="checkbox"/>	L22	L21 and (gradient)	7
<input type="checkbox"/>	L21	L18 and (Stiff\$4 or elastic\$4 or rigid\$4)	7
<input type="checkbox"/>	L20	L18 and (gradient or elastic\$4 or rigid\$4)	18
<input type="checkbox"/>	L19	(L14 not L18)	6
<input type="checkbox"/>	L18	L17 and (carrier or support or table or bed or platform or former or gantry or stretcher or cradle or tray)	18
<input type="checkbox"/>	L17	L16 and (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit or barrel or cavity or bore or (examination adj zone))	18
<input type="checkbox"/>	L16	L15 and ((middle or end or center or central\$2 or opposit\$3 or oppos\$4 or midway) with (stiff\$4 or support\$3 or brac\$4 or reinforce\$4 or reinforc\$3))	18
<input type="checkbox"/>	L15	L14 and (middle or end or center or central\$2 or opposit\$3 or oppos\$4 or midway)	23

<input type="checkbox"/>	L14	L13 and ((boundary or edge or terminus or ((outer or inner) with surface)) with (stiff\$4 or support\$3 or brac\$4 or reinforce\$4 or reinforc\$3))	24
<input type="checkbox"/>	L13	L12 and (boundary or edge or terminus or ((outer or inner) with surface))	145
<input type="checkbox"/>	L12	L1 and (gradient with (((sub" or segment) with coil) or multicoil))	300
<input type="checkbox"/>	L11	L10 and (gradient with (((sub" or segment) with coil) or multicoil))	7
<input type="checkbox"/>	L10	L9 and (carrier or support or table or bed or platform or former or gantry or stretcher or cradle or tray)	30
<input type="checkbox"/>	L9	L8 and (middle or end or center or central\$2 or opposit\$3 or oppos\$4)	32
<input type="checkbox"/>	L8	L7 and (barrel or cavity or bore or (examination adj zone))	32
<input type="checkbox"/>	L7	L6 and (((sub" or segment) with coil) or multicoil)	42
<input type="checkbox"/>	L6	L4 and (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit)	1852
<input type="checkbox"/>	L5	L4 and (hollow or cylindrical\$2 or tube or tubular or cylinder)	1849
<input type="checkbox"/>	L4	L3 and (gradient)	2039
<input type="checkbox"/>	L3	L2 and (boundary or edge or terminus or ((outer or inner) with surface))	4344
<input type="checkbox"/>	L2	L1 and (stiff\$4)	8186
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	211675

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040113619 A1

**Using default format because multiple data bases are involved.**

L26: Entry 1 of 1

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
MIDDLE	703947
MIDDLES	2366
CENTER	2379118
CENTRE	450250
CENTRES	39659
CENTERS	258569
MIDWAY	158073
MIDWAYS	508
HOLLOW	1214293
HOLLOWS	14801
TUBE	2120968

(L25 AND ((MIDDLE OR CENTER OR CENTRAL\$2 OR MIDWAY) WITH (SUPPORT\$3 OR BRAC\$4 OR REINFORCE\$4 OR REINFORC\$3) WITH (HOLLOW OR CYLINDRICAL\$2 OR TUBE OR TUBULAR OR CYLINDER OR CONDUIT OR BARREL OR CAVITY OR BORE OR (EXAMINATION ADJ ZONE))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20040113619 A1

Using default format because multiple data bases are involved.

L27: Entry 1 of 3

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Drawings
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☐ 2. Document ID: US 6084409 A

L27: Entry 2 of 3

File: USPT

Jul 4, 2000

US-PAT-NO: 6084409

DOCUMENT-IDENTIFIER: US 6084409 A

TITLE: Magnetic resonance scanner having a unitary radio-frequency arrangement

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zebelein; Guenther	Moehrendorf			DE
Eberler; Ludwig	Postbauer-Heng			DE
Stoeckel; Bernd	Erlangen			DE

US-CL-CURRENT: 324/318; 324/301, 324/307, 324/309, 324/322, 600/410, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FILE	Draw D
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☐ 3. Document ID: US 5431164 A

L27: Entry 3 of 3

File: USPT

Jul 11, 1995

US-PAT-NO: 5431164

DOCUMENT-IDENTIFIER: US 5431164 A

TITLE: Therapy tomograph

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Westphal; Michael	Offenbach			DE
Laukien; Genther	Rheinstetten			DE

US-CL-CURRENT: 600/427; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FILE	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
MIDDLE	703947
MIDDLES	2366
CENTER	2379118
CENTRE	450250
CENTRES	39659
CENTERS	258569
MIDWAY	158073
MIDWAYS	508
HOLLOW	1214293
HOLLOWS	14801
TUBE	2120968
(L12 AND ((MIDDLE OR CENTER OR CENTRAL\$2 OR MIDWAY) WITH (SUPPORT\$3 OR BRAC\$4 OR REINFORCES\$4 OR REINFORC\$3) WITH (HOLLOW OR CYLINDRICAL\$2 OR TUBE OR TUBULAR OR CYLINDER OR CONDUIT OR BARREL OR CAVITY OR BORE OR (EXAMINATION ADJ ZONE))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040113619 A1

Using default format because multiple data bases are involved.

L29: Entry 1 of 2

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw. B
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☐ 2. Document ID: US 6084409 A

L29: Entry 2 of 2

File: USPT

Jul 4, 2000

US-PAT-NO: 6084409

DOCUMENT-IDENTIFIER: US 6084409 A

TITLE: Magnetic resonance scanner having a unitary radio-frequency arrangement

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zebelein, Guenther	Moehrendorf			DE
Eberler, Ludwig	Postbauer-Heng			DE
Stoeckel, Bernd	Erlangen			DE

US-CL-CURRENT: 324/318; 324/301, 324/307, 324/309, 324/322, 600/410, 600/422



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	View
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
STIFF\$4	0
STIFF	181364
STIFFA	23
STIFFAB	1
STIFFABL	1
STIFFABLE	5
STIFFAC	12
STIFFACB	1
STIFFACD	2
STIFFACE	190
STIFFACEG	2
(L28 AND (STIFF\$4 OR ELASTIC\$4 OR RIGID\$4) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040113619 A1

**Using default format because multiple data bases are involved.**

L30: Entry 1 of 1

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
BOUNDARY	379039
BOUNDARIES	170971
BOUNDARYS	43
EDGE	2861241
EDGES	1698574
TERMINUS	93416
TERMINU	81
OUTER	3663070
OUTERS	515
INNER	3252214
INNERS	669

(L29 AND (BOUNDARY OR EDGE OR TERMINUS OR ((OUTER OR INNER) WITH SURFACE))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040113619 A1

Using default format because multiple data bases are involved.

L35: Entry 1 of 2

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWC	Drawings
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☐ 2. Document ID: US 5431164 A

L35: Entry 2 of 2

File: USPT

Jul 11, 1995

US-PAT-NO: 5431164

DOCUMENT-IDENTIFIER: US 5431164 A

TITLE: Therapy tomograph

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Westphal; Michael	Offenbach			DE
Laukien; Genther	Rheinstetten			DE

US-CL-CURRENT: 600/427; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FWC	Drawings
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Term	Documents
BOUNDARY	379039
BOUNDARIES	170971
BOUNDARYS.	43
EDGE	2861241
EDGES	1698574
TERMINUS	93416
TERMINU	81
OUTER	3663070
OUTERS	515
INNER	3252214
INNERS	669
(L34 AND (BOUNDARY OR EDGE OR TERMINUS OR ((OUTER OR INNER) WITH SURFACE))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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☐ 1. Document ID: US 20040113619 A1

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L36: Entry 1 of 1

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

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Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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Term	Documents
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STIFF	181364
STIFFA	23
STIFFAB	1
STIFFABL	1
STIFFABLE	5
STIFFAC	12
STIFFACB	1
STIFFACD	2
STIFFACE	190
STIFFACEG	2

(L35 AND (STIFF\$4 OR ELASTIC\$4 OR RIGID\$4) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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